SGH-S275G

M O B I L E P H O N E

User Manual
Please read this manual before operating your phone and keep it for future reference.

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Section 1: Getting Started

This section explains how to start using your phone by charging your battery and setting up your voice mail.

Understanding this User Manual

The sections of this manual generally follow the features of your phone. Also included is important safety information that you should know before using your phone. This information is available near the back of the guide, beginning on page 85.

This manual provides navigation instructions according to the default display settings. If you select other settings, navigation may be different.

Unless otherwise specified, all instructions in this manual assume you are starting from the Home screen and using the available keys.

Note: Instructions in this manual are based on default settings, and may vary from your device, depending on the software version on your device, and any changes to the device's Settings.

Unless stated otherwise, instructions in this User Manual start with the device unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your phone and any changes to the device's Settings.

Special Text

Throughout this manual, you'll find text that is set apart from the rest. These are intended to point out important information, share quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides quick or innovative methods, or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings to your attention important information to prevent loss of data or functionality, or even prevent damage to your phone.

Text Conventions

The following terms and icons appear in this manual to describe the steps and procedures for using your phone:

highlight	Use the Navigation key (OK) to move a highlighting effect onto a menu item or screen item of interest.
select	After "highlighting" a menu item or screen item, press the OK key to launch, access, or save a highlighted menu item or screen field of interest.
➔	Used in place of "select" in long "drill down" procedure steps.

Example: Settings ➔ Phone ➔ Language.

Setting Up Your Phone

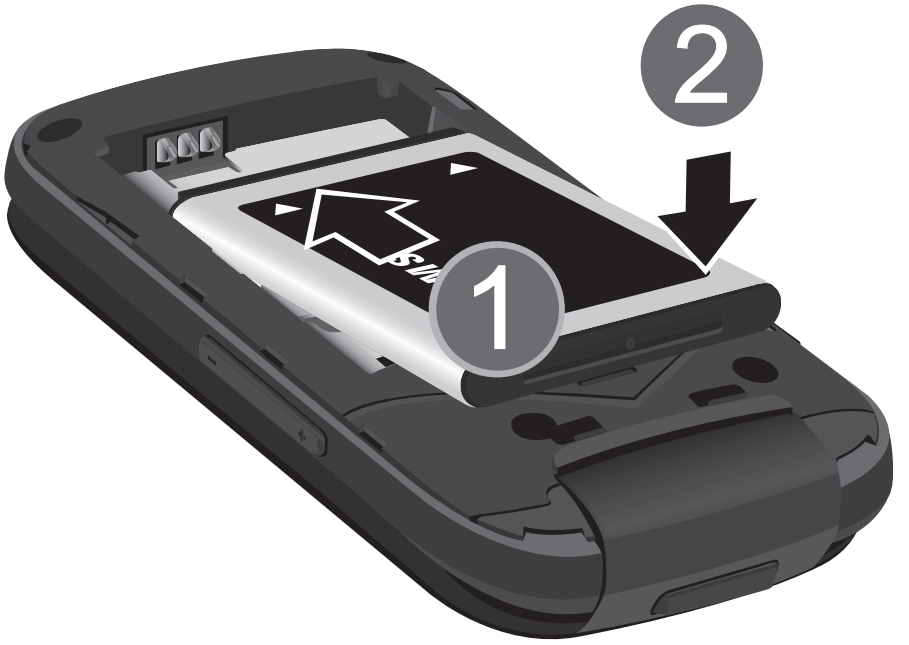
Removing and Replacing the Battery

To remove the battery:

1. If the phone is turned on, press and hold PWR END until the phone turns off.
2. Locate the release latch (1) and in a single motion, carefully lift the cover up and away from the phone (2).
3. Lift the battery up (3) and away from the phone.

To replace the battery:

1. Slide the battery into the phone with the gold contacts on the battery matching those in the phone (1).
2. Press the battery down until it clicks into place (2).



3. Reinstall the battery cover by sliding it back onto the phone (3 and 4) until you hear it securely click (5).

Note: Make sure the battery is properly installed before switching on the phone.

SIM Card

Your phone comes with a pre-installed SIM card.

SIM Card Overview

Important! Before removing or replacing the SIM card, make sure the phone is switched off. To turn the phone off, press the PWR END key.

The SIM card is loaded with your subscription details such as your telephone number, PIN, available optional services, and many other features.

Important! The SIM card and its information can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

If available, you can remove the previous SIM and replace it with the new ISIM card.

Installing and Removing the SIM card

To install the SIM card:

1. Carefully slide the SIM card into the SIM card socket until the card clicks into place.

2. Make sure that the card's gold contacts face into the device and that the upper-left angled corner of the card is positioned as shown.

To remove the SIM card:

1. Remove the battery cover.
2. Carefully place your fingernail into the end of the SIM slot and push the card slightly out.
3. Carefully slide the SIM card out of the SIM card socket.

Note: If the card is not inserted correctly, the device will not detect it and no service will be available. If this happens, turn off the device, remove the card, and reinstall the card in the correct orientation.

Charging the Battery

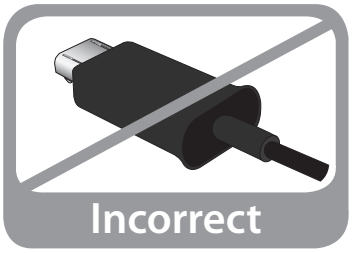
Your phone is powered by a rechargeable Li-ion battery. A travel adapter used for charging the battery is included with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

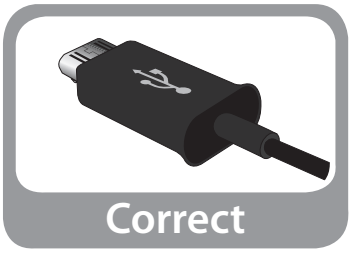
You can use the phone while the battery is charging, but doing so requires additional charging time.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery requires 4 hours to recharge fully.

1. With the battery installed, temporarily remove the plastic cover of the interface jack on the right side of the phone and plug the travel adapter connector into the jack.

Important! Verify the handset battery is properly installed before connecting the travel adapter. If the battery is not properly installed and the travel adapter is connected, the handset continuously power cycles and prevents proper operation.





Note: This illustration shows both the correct method and the incorrect method for connecting the charger. If you connect the charger incorrectly, you risk damaging the accessory port and voiding the phone warranty.

Warning! If the adapter power plug is installed incorrectly, damage to the accessory port occurs and voids the phone warranty.

2. Plug the adapter power plug into a standard AC wall outlet.
3. When charging is finished, unplug the adapter power plug from the AC wall outlet, then disconnect the travel adapter connector from the phone.

Warning! Failure to unplug the travel adapter before removing the battery can cause damage to the phone.

4. Replace the plastic cover over the interface jack on the phone.

Low Battery Indicator

When the battery is weak with only a few minutes of talk time remaining, a warning tone sounds and the "Battery low" message repeats at regular intervals on the display. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode. When the battery level becomes too low, the phone automatically turns off.

Turning the Phone On or Off

To turn the phone on:

1. Press and hold the PWR END key until the phone power-on screen displays. The Idle screen displays while the phone searches for your network. The signal strength bars show adequate signal after a network is found.

Note: The display language is preset to Automatic at the factory. To change the language, use the Language menu. For more information, refer to *"Phone"* on page 79.

2. The phone begins searching for a network signal.
3. Once the phone finds a signal, the time, date, and day appear at the top of the display.
4. You're now ready to place and receive calls.

To turn the phone off:

- Press and hold PWR END for two or more seconds. Your phone powers off.

Note: If your phone is on and you press PWR END for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Voice Mail

Voicemail allows callers to leave voice messages that can be retrieved any time.

Setting Up Your Voicemail

1. In Idle mode, press and hold the 1 key or dial your own mobile number to dial Voicemail.
2. When connected, follow the voice prompts from the voice mail center.

Listening to Voicemail

3. In standby mode, press and hold or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting. You are prompted to enter your password.

Section 2: Understanding Your Phone

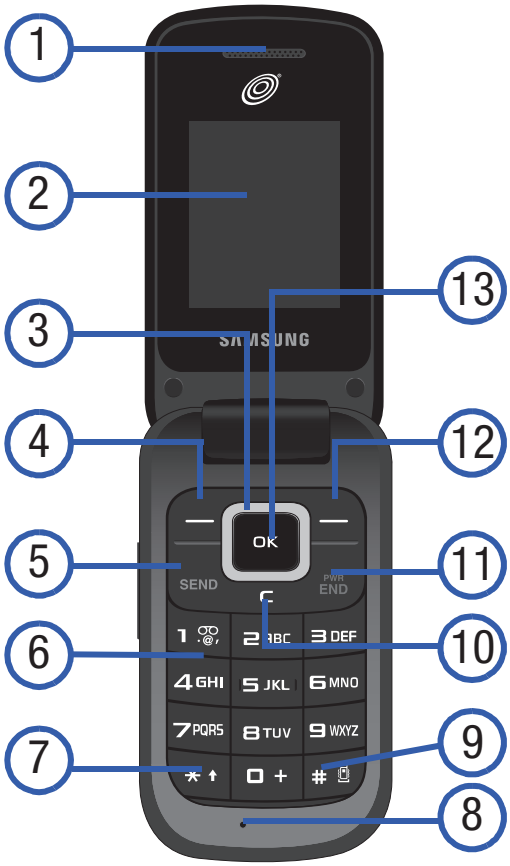
This section outlines some key features of your phone. It also displays the screen and the icons that are displayed when the phone is in use.

Features of Your Phone

- 1.3 Megapixel Camera
- Camcorder
- Bluetooth® Wireless Technology
- Picture (MMS) Messaging
- Text (SMS) Messaging
- Games & Apps feature to shop, buy, and store games and apps.
- Tools feature provides Camera, Voice Services, Alarms, Calendar, Tasks, Memo, Calculator, Tip Calculator, Converter, World Clock, Timer and Stopwatch.

Open View of Your Phone

The following diagram shows the main elements of your phone.



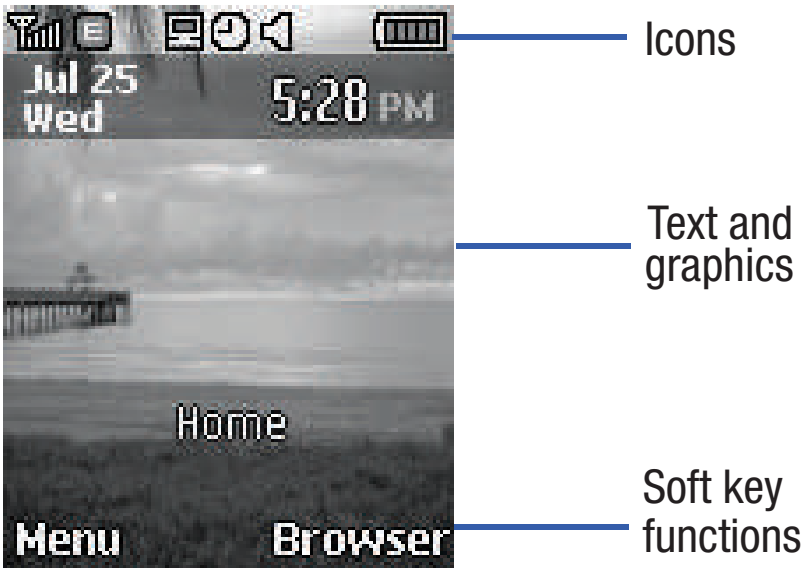
1. **Earpiece**: Allows you to hear conversations, ring tones and alerts.
2. **Display**: Allows you to view date and time, network type, signal strength, battery power, and icons associated with alerts or alarms.
3. **Navigation key**: Allows you to scroll through menus and adjust the volume during a call. In Idle mode your Navigation key provides a shortcut to your Contact List, your Sound Profile settings and your SMS message window.

4. **Left soft key**: In the Idle screen, press the **Menu (left)** soft key ( ) to access your **Main menu**. The left soft key allows you to select the function indicated by the screen text on the bottom left of the display.
5. **Send key**: Allows you to place or receive a call. In standby mode, press the key once to access the Recent Calls log. If you press and hold the key down, you will initiate the most recent call from the Recent Calls log.
6. **Alphanumeric keys**: Allows you to enter numbers, characters and symbols.
7. **Star key**: Press and hold to enter a pause when dialing.
8. **Microphone**: Allows the other callers to hear you when you are speaking.
9. **Space/Silent key**: Allows you to enter a space when entering text. Press and hold to toggle between Normal and Silent modes.
10. **Back/Clear key**: deletes characters from the display. In Menu mode, returns to the previous menu level. In Idle mode, launches your Calendar.
11. **Power On/Off/Menu Exit key**: Ends a call or exits a program. Press and hold this key briefly to power your phone On or Off. While in the main menu, it returns the phone to standby mode. Press to reject an incoming call.

12. **Right Soft key**: In the Idle screen, press the **Browser (right)** soft key ( ) to launch the Browser. The right soft key allows you to select the function indicated by the screen text on the bottom right of the display.
13. **OK (Select) key**: allows you to confirm your menu choices. In Idle mode, press OK to access the Prepaid menu.

Main Display Layout

The display has 3 areas:



Icons

Shows the received signal strength. The greater number of bars indicates a stronger signal.

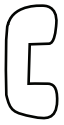
Appears when you are connected to an EDGE network.

Appears when you are communicating with the network using an EDGE connection.

Appears when you receive a new text message or a new picture message.

Appears when you receive a new voicemail message.

Appears when you set an alarm on your phone.



Appears when a call is in progress.

Appears when there is no network coverage available. When you are out of the service area, you cannot make or receive voice calls.

Shows the level of your battery. The more bars you see, the more power you have remaining.

Note: The default Sound Profile is Normal. The profile is editable, and the displayed icons may vary according to the settings. To edit Sound Profile settings, press **Menu** ➔ **Settings** ➔ **Sound Profile**.

Appears when the **Normal** Profile (default) is active. Press and hold the Space key # to toggle between Normal mode and Silent mode. You can edit these Normal profile settings.

Appears when the **Silent** Profile is set. In Silent mode, your phone displays information, but the speaker is muted and the phone vibrates to alert you. You can edit these Silent profile settings.

Appears when the Profile is set to **Driving**. In Driving mode, the speaker is active and launches the currently selected ringtone or melody when the associated notification is activated. This icon is accompanied on screen by the Audio icon. You can edit these Driving profile settings.

Appears when the Profile is set to **Outdoor**. In this case, the speaker is active, the volume settings are raised to their highest levels, any currently active ringtones or melodies are activated, and the phone's vibrate feature is activated. You can edit these Outdoor profile settings.

Backlight

A backlight illuminates the display and the keypad when you press any key. The backlight dims or turns off when no key is pressed within a given period of time. Go to the Backlight Time menu to modify these settings.

- Press **Menu** ➔ **Settings** ➔ **Display** ➔ **Light Settings** ➔ **Backlight Time**.

Selecting Functions and Options

Your phone offers a set of functions that can be customized for your use. These functions are arranged in menus and sub-menus. Each menu and sub-menu allows you to view and alter the settings of a particular function.

In some functions, you may be asked for a password or PIN. Enter the code and press the OK key.

When you access a list of options, your phone highlights the currently active option. If there are only two options, such as **On/Off**, your phone highlights the option that is not currently active, so that you can select it directly.

Selecting Options

To view the various functions and options available and to select the one you want:

- Press the appropriate soft key.
- To select the function displayed or the option highlighted, press the **Select** soft key or the OK key.
- To view the next function or highlight the next option on a list, press the **Down** Navigation key.
- To move back to the previous function or option on a list, press the **Up** Navigation key.
- To move back up one level in the menu structure, press the **Back** soft key.
- To exit the menu structure without changing the settings, press the PWR END key.

Soft Keys

The roles of the left and right soft keys vary depending on the function you are currently using. The active function for each soft key is shown at the bottom of the display above each key.

Left Soft Key

Some functions of the left soft key are as follows.

- From the Idle screen, press (**Menu**) soft key to open the Menu screen.
- When in a menu mode, the left soft key function is **Select**.

Right Soft Key

Some functions of the right soft key are as follows.

- From the Idle screen, press (**Browser**) soft key to launch the Browser.
- When in a menu mode, the right soft key function is **Back**.

End Key

The **End** key PWR END is used to turn on/off your phone, disconnect calls, and return to the standby mode.

- Press and hold the End key to turn on/off your phone.
- Briefly press PWR END once to disconnect a call.
- Press PWR END to return to standby mode from any menu.

Send Key

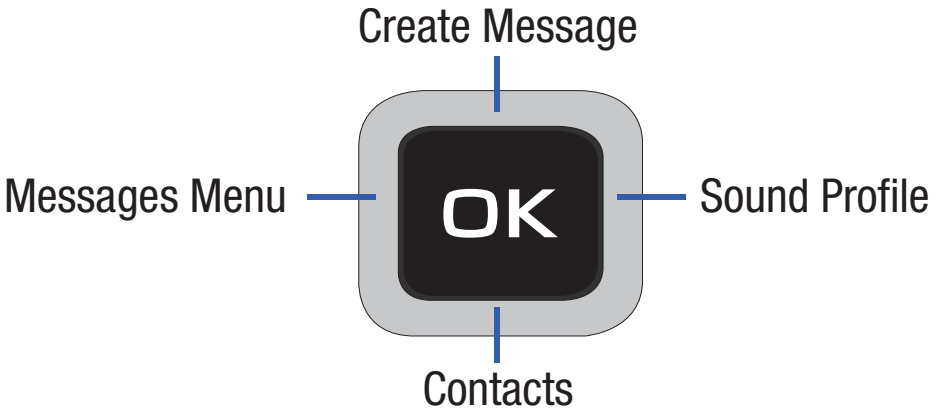
The **Send** key SEND is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

- Press SEND once to answer calls.
- Enter a number and briefly press SEND to make a call.
- Briefly press SEND in standby mode to display a list of recent calls to and from your phone.
- Press SEND twice in standby mode to call the most recent number.
- Press SEND to pick up a waiting call.

Navigation Key

Use the directional keys on the Navigation key to browse menus, sub menus, and lists. Press the **Up** or **Down** Navigation keys when jumping to highlighted links on the web. In a call, press **Down** Navigation key to launch Contacts.

In the Idle screen, the Navigation keys provide shortcuts to launch applications.



Section 3: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

Making a Call

- From the Idle screen, enter the area code and phone number, and press the SEND key.

Making an International Call

1. Press and hold 0 +. The **+** character appears.
2. Enter the country code, area code, and phone number, then press SEND.

Ending a Call

When you want to finish your call, briefly press PWR END.

Manual Pause Dialing

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can dial the numbers along with special characters called pauses.

To manually call a number with pause(s) without storing it in your Contacts:

1. From the Idle screen, enter a phone number.
2. Press and hold the * key to add a two-second pause. The letter **P** appears where the pause is set.
3. Continue to enter numbers, if desired.
4. Press SEND. Two seconds after the recipient answers, the following set of digits are dialed.

Tip: You can create pauses longer than two seconds by inserting multiple pauses.

Redialing the Last Number

All incoming, outgoing and missed calls are listed in the **Recent Calls** Menu. If the number or caller is listed in your Contacts, the associated name displays. For more information about Recent Calls, see *"Recent Calls"* on page 28.

To redial the number of your last call:

1. From the Idle screen, press **Menu** ➔ **Recent Calls**. The Recent Calls menu displays the All Calls list with the number of your last call highlighted.

Tip: You can quickly access your Recent Calls from the Idle Screen by pressing SEND.

2. Press SEND to dial the number of your most recent call.

Making a Call from your Contact List

You can store phone numbers that you use regularly on the SIM card or in the phone memory. These entries are collectively called the Contact list.

1. From the Idle screen, press **Menu** ➔ **Contacts**.
2. Highlight a number in your Contacts list and press SEND to call.

Answering a Call

When a call is received, the phone rings and displays the caller phone number or name, if stored in the Contact list.

You can answer a call using one of three methods:

To answer a call by flipping open the phone:

1. Press **Menu** ➔ **Settings** ➔ **Calls** ➔ **General** ➔ **Call Answer** ➔ **Open Flip**.
2. Select the **Send Key** option and press OK.

To answer a call by pressing the Send key:

1. Press **Menu** ➔ **Settings** ➔ **Calls** ➔ **General** ➔ **Call Answer** ➔ **Send Key.**
2. Select the **Send Key** option and press OK.

To set your phone to answer when you press any key:

When you activate the **Any Key** answer option, you can press any key to answer a call except PWR END and the **Reject** soft key.

1. Press **Menu** ➔ **Settings** ➔ **Calls** ➔ **General** ➔ **Call Answer** ➔ **Any Key.**
2. Select the **Any Key** option and press OK.

Note: You can answer a call while using the Contact list or menu features. After ending the call, the phone returns to the function screen you were using.

Recent Calls

The phone stores the numbers of the calls you have Missed, Made, Received or Dialed in the Recent Calls menu. You can quickly access this menu from the Idle screen by pressing the SEND key. If the number or caller is listed in your Contact List, the associated name displays.

Press SEND then use your **Right** or **Left** Navigation key to review All Calls, Missed Calls, Calls Made and Calls Received in the Recent Calls menu.

To access the Recent Calls menu:

1. From the Idle screen, press **Menu** ➔ **Recent Calls**. The Recent Calls menu displays the All Calls list with the number of your last call highlighted.

Tip: You can quickly access your Recent Calls by pressing SEND.

---

2. From the Recent Calls menu, choose from either: **All Calls**, **Missed Calls**, **Calls Made** and **Calls Received**.
3. Highlight an entry from the list and press (**Options**) to choose from any of the following:
   - **Details**: allows you to view the call details.
   - **Call**: allows you to call the number you are viewing.
   - **Save to Contacts**: allows you to save a new contact or update an existing contact.
   - **Send Message**: allows you to send a text message or a multimedia message.
   - **Delete**: allows you to delete either the **Selected** or **All** call records.

Viewing Missed Calls

The number of calls you have missed is displayed on the Idle screen when you flip open the phone.

To view the number details:

1. If you have missed one call, the call is displayed on the Idle screen, press (**Call**) soft key to return the call.
2. If you have missed more than one call, press (**View**) soft key. The Recent Calls screen is opened and displays a list of the most recently missed calls.

Note: If there is a voicemail sent by the same number, associated icons are displayed and can then be selected.

---

3. To scroll through the list of missed calls, press the **Up** or **Down** Navigation key.

4. To move to another call type, press the **Left** or **Right** Navigation key.

Viewing the Details of a Missed Call

To view the details of a selected missed call:

1. Press the **View** soft key. A list of the most recently missed calls is displayed.
2. Select the desired missed call.
3. Press the **Options** soft key, then select **Details**.

Calling Back a Missed Call

To call back a missed call number:

1. Press the **View** soft key. A list of the most recently missed calls is displayed.
2. Highlight the desired missed call.
3. Press the **Options** soft key, then select **Call**.

   – or –

   Highlight the number and press the SEND key.

Saving a Missed Call to your Address Book

To save the missed call entry to your address book:

1. Press the **View** soft key. A list of the most recently missed calls is displayed.

   – or –

   From the Idle screen, press (**Menu**) ➔ **Recent Calls** ➔ **Missed Calls**.
2. Highlight the desired missed call.
3. Press the **Options** soft key, then select **Save to Contacts**.

4. Select a destination for the entry by choosing either **Phone** or **SIM** and follow prompts to add caller to Contact List.

Sending a Message to a Missed Call

To send a text message or attachment to a missed call entry:

1. Immediately after missing a call, press the **View** soft key.

   – or –

   From the Idle screen, press (**Menu**) ➔ **Recent Calls** ➔ **Missed Calls**. A list of missed calls is displayed with the most recently missed call highlighted. Highlight the number of the missed call you wish to send a message.

2. Highlight an entry and press the **Options** soft key, then select **Send Message**. The Create Message screen displays.
3. Use the keypad to create your message. For more information, refer to *"Creating a New Text Message"* on page 48.
4. When you completed your message, press (**Send to**).
5. Enter the selected number in an available field within the Recipient List.
6. Press (**Options**) ➔ **Add Recipients** and choose from **Recent Contacts, Contacts** or **Groups** to add other recipients from these lists.
7. When the Recipients list is completed, press (**Send**) to deliver your message. Your display returns to the Recent Calls list.

Deleting a Missed Call

To delete a missed call entry:

1. Immediately after missing a call, press the **View** soft key.

   – or –

   From the Idle screen, press (**Menu**) ➔ **Recent Calls** ➔ **Missed Calls**.

2. Press (**Options**) ➔ **Delete**. Choose from either **Selected** missed call or **All** missed calls.
3. Confirm the deletion by selecting (**Yes**) or cancel the operation by pressing (**No**).

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

Adjust the speaker volume during a call by pressing the **Up** and **Down** Navigation keys. Press the **Up** Navigation key to increase the volume level and press the **Down** Navigation key to decrease the volume level.

Putting a Call on Hold

You can place the current call on hold whenever you want. You can also make another call while you have a call in progress if your network supports this service.

To put a call on hold:

1. While on a call, press (**Options**) ➔ **Hold** ➔ **OK** to place your call on hold.

2. You can later reactivate this call whenever you want by pressing (**Resume**).

Making a new call while you have a call in progress

1. While on a call, press (**Options**) ➔ **Hold** ➔ **OK**.
2. Enter the new phone number you wish to dial and press SEND to dial the second number.

   - or -

   Press (**Options**), then select **New Call**. Enter the number to call or search in your Contact List. Press SEND to dial the second number. Once connected, both calls are displayed on the screen.

Note: The caller currently on hold appears greyed-out on-screen.

Switching between the two calls

1. While you have an active call and another on hold, press (**Options**) ➔ **Swap** ➔ **OK**. The current call (caller #2) is placed on hold and the previous call on hold (caller #1) is then reactivated so that you can continue conversing with that person.
2. Press PWR END to end the currently active call.
3. When you want to finish, end each call normally by pressing the PWR END key.

Ending a specific call

1. While you have the active call displayed, press (**Options**) ➔ **End**.
2. Select the desired call you wish to end. Choose from either:
   - **Active Call**: to end the currently active call.
   - **Held Call**: to end the currently held call (shown as grey in the top background).
   - **All Calls**: to end all current calls (both active and held).
3. If a single call was ended, press PWR END to end your connection to the remaining caller.

In-Call Options

- During an active call, press OK to toggle the speakerphone mode between **On** or **Off**.

  – or –

  Press (**Options**) to choose from the following options:

  - **Hold**: places the active call on hold.
  - **Contacts**: allows you to access your Contact list.
  - **Save to Contacts**: to store current number as a new entry within either the **Phone** or **SIM** card. Press OK and follow the on-screen prompts.
  - **New Call**: Places the current call on hold and then allows you to make a new call by either manually entering another number or by accessing your Contact list.
  - **Send Message**: Create and send a Text Message.
  - **More**: allows you to access additional features while in an active call.
    - **Calendar**: Allows you to access your Calendar.

– **Memo**: Allows you to access your Memos.

– **Send DTMF**: Sends DTMF (Dual Tone Multi-Frequency) tones to the contacts you have selected. These DTMF tones are sent as a group. The DTMF tones are the tones used in phones for tone dialling, sounding when you press the number keys. This option is helpful for entering a password or an account number when you call an automated system, like a banking service.

- **End Call**: ends the current call.

Using the Speakerphone During an Active Call

While in an active call, you can enable/disable the speakerphone feature.

- During a call, press OK to toggle the state of the speakerphone function.
  - : indicates the speakerphone mode is off.
  - : indicates the speakerphone mode is on.

Muting or Sending Keypad Tones

These options allow you to turn the key tones off or on. If the **Mute Keypad Tone** option is selected, it allows you to press keys without hearing key tones during a call.

Note: To communicate with answering machines or computerized telephone systems, the Send Keypad Tone option must be selected.

Switching off the Microphone (Mute)

During a call, you can temporarily switch your phone microphone off so that the other person cannot hear you.

- Press (**Mute**) to mute the microphone and keep callers from hearing you. The entry then shows **Unmute**.

  – or –

  Press (**Unmute**) to rea-activate the microphone and allow callers to hear you. The entry then shows **Mute**.

Searching for a Number in Address Book

During an active call you can search for a number from the Contacts list.

1. During an active call, press (**Options**) and select **Contacts**.
2. Highlight the Contact list entry.

   – or –

   Enter the first few letters of the contact into the Search field to display then select the closest match.
3. With an entry highlighted, press (**View**) or OK to view your selected contact.

Call Waiting

The Call Waiting feature alerts you of an incoming call while you have a call in progress, if this service is supported by the network.

To activate the Call waiting feature:

1. From the Idle screen, press **Menu** ➔ **Settings** ➔ **Calls** ➔ **Voice Call** ➔ **Call Waiting**. Wait for the system to verify the current status.
2. If not already activated, press (**Options**) ➔ **Activate**.

To answer a call while you have a call in progress:

1. While on a call, press SEND or press (**Accept**) to answer a new incoming call. The previous caller is automatically put on hold when you answer the new incoming call.
2. To switch between the two calls, press (**Options**) ➔ **Swap** ➔ **OK**. Swap places the current call on hold and then activates the previous call.

To end a call on hold:

1. While on a call, press (**Options**), then select **End**.
2. Select **Held Call.** You can continue with the remaining call.
3. Press PWR END to end the remaining active call.

3-Way Calling (Multi-Party Calling)

The 3-Way or Multi-Party feature allows you to answer a series of incoming calls and place them on hold.

If this service is supported by the network, and the SIM has the feature enabled, all calls can be joined together. You are notified of an incoming call by a call waiting tone. To activate the call waiting feature, see *"Call Waiting"* on page 37.

1. Make a call by either dialing a new number and pressing SEND or receiving an incoming call and press (**Accept**).
2. Make a new call by pressing (**Options**) ➔ **New Call**, then enter the new number and press (**Call**). Wait for the new caller to answer. The first call is automatically put on hold.
3. Press 3 DEF ➔ SEND ➔ **OK** to join with both of your callers, the active call and the call on hold, in a single multi-party call.
4. Press PWR END to end the 3-way call.

Silent Mode

Silent mode is convenient when you wish to stop the phone from making a sound, in a theater, for example.

In Idle mode, press and hold # until the phone vibrates, the "Silent Profile On" message appears on screen. The Silent mode icon is displayed on the screen. For more information, refer to *"Sound Profile"* on page 77.

In Silent mode, your phone speakers are muted. An incoming call causes the phone to vibrate and light up, depending on the settings of the **Silent** Phone Settings feature.

To exit and reactivate the previous sound settings, press and hold # again until the previous Sound Profile is restored. The Silent mode icon is no longer displayed.

Section 4: Menu Navigation

This section explains the menu navigation for your phone. Your menu options are controlled by the SIM provided by your service provider.

Use the Navigation keys to scroll through menus and sub-menus or use the shortcut keys.

Accessing Menus

1. From the Idle screen, press (**Menu**) to access Menu mode.
2. Use the Navigation keys to scroll to a main menu. Press the **Select** soft key or the key to enter the menu.
3. If the menu contains sub-menus, highlight your menu selection and press the **Select** soft key or .
4. To return to the previous menu level, press the **Back** soft key.
5. To exit the menu without changing the settings, press .

Using Shortcuts

Numbered menu items and options can be accessed by using their shortcut numbers. In Menu mode, Main Menus can be accessed by pressing the number keys (1 to 9) corresponding to their location on the screen.

Example: Accessing the Language menu.

1. Press the **Menu** soft key.
2. Press for **Settings**.
3. Press for **Phone**.
4. Press for **Language**.

Section 5: Understanding Your Contacts

This section allows you to manage your Contacts by storing contacts' names and numbers in your Contact List.

Dialing a Number from the Contact List

Once you have stored phone numbers in the Contact List, you can dial them easily by opening your Contacts list then highlighting the number you wish to call and pressing (**Options**) ➔ **Call**.

Finding a Contact List Entry

You can store phone numbers and their corresponding names onto your SIM card.

1. From the Idle screen, press (**Menu**), then select **Contacts** ➔ **Contacts**.
2. Enter the first few letters of the name.

   The Contacts entries are then listed, starting with the first entry matching your input.
3. Press the **Up** or **Down** Navigation key until the entry you want is highlighted.
4. Call the highlighted entry by:
5. Pressing SEND to dial the number, or pressing (**Options**) ➔ **Call**.

Contact List Entry Options

- While in the Contact List with any of the entries highlighted, press (**Options**) to use access the following options:
  - **View**: provides you with details about that contact entry. Press (**Back**) soft key to return to the Contact List.
  - **Add New Contact**: allows you to add a new entry to either your Phone or SIM card.
  - **Call**: allows you to call a currently selected entry.
  - **Send Message**: allows you to send a Text Message/Multimedia Message to the selected entry.
  - **Edit**: allows you to edit the properties of the currently select Contacts entry.
  - **Delete**: allows you to delete Contacts entries. Choose from either: **Selected**, **Multiple**, or **All** contacts from the Phone or the SIM Card or from both.
  - **Send Business Card**: allows you to create a business card for your contact.
  - **More**:
    - **Assign Speed Dial**: allows you to assign a speed dial location to the selected contact.
    - **Copy to FDN Contacts**: allows you to add the selected number to your restricted and limited set of phone numbers. FDN (Fixed Dialing Number) mode, if supported by your SIM card, allows you to restrict your dialed calls to a limited set of phone numbers.
    - **SIM Management**: allows you to manage the Contacts available in the SIM such as: Copy Contacts to SIM, Copy Contacts from SIM, and Delete Contacts from SIM.

Adding a New Contact

1. From the Idle screen, enter the number you wish to call and press (**Options**) ➔ **Save to Contacts** ➔ **New**.
2. Select the destination for the new entry. Choose from either **Phone** or **SIM**.
3. Select the category type: **Mobile, Private**, **Mobile, Business**, **Landline, Private**, **Landline, Business**, **Fax**, or **Etc.**.
4. At the prompt enter the name of the contact in the Name field.
5. Use your Navigation key to select other fields and enter information.
6. To store the new entry, press .
   - You can create a new contact from the Idle screen by pressing **Menu** ➔ **Contacts** ➔ **Add New Contact**. Enter the Name, number and other information in the fields provided to add the contact to your Contact List.

Group

You can elect to assign your contacts to a group or category, such as Family, Friends, or Work. You can edit, delete or create new groups to manage your contacts.

Speed Dial List

You can assign a number into one of 8 speed dial locations (2-9). The first speed dial number is reserved for voicemail.

1. From the Idle screen, press (**Menu**) ➔ **Contacts** ➔ **Speed Dial List.** Select an empty position in your speed dial list.
2. Press (**Options**) soft key, then select **Assign**.
3. Select either **Address Book** or **FDN Contacts**.
4. When your Contact List displays, highlight the contact you wish to assign to that position and press OK to save.

To quickly call a contact from the Idle screen, press and hold the number assigned in the Speed Dial List.

FDN Contacts

When the FDN (Fixed Dialing Number) mode is set to On, you can only dial the numbers in your Contacts that you have designated as FDN Contacts.

To set the FDN mode to on:

1. From the Idle screen, press (**Menu**) ➔ **Settings** ➔ **Phone** ➔ **Security** ➔ **Set FDN Mode**.
2. Obtain a Passcode from your Service Provider.

Contacts Settings

You can choose to View contacts stored on your Phone only or on your SIM Card only. Or you can View All contacts. You can save, copy and delete Phone and SIM Card entries on your phone or choose to delete all.

- From the Idle screen, press (**Menu**) ➔ **Contacts** ➔ **Contacts Settings** to manage the following settings for your contacts entries:
  - **My Business Card**: allows you to enter your information in the fields provided to set up your business card.
  - **Save New Contacts to**: allows you to assign a default location for new contact entries. Choose from these options: **Phone Memory**, **SIM Memory**, or **Always Ask**.
  - **View Contacts from**: allows you to choose what Contacts entries are shown on your phone. Choose from either: **All** (view all contacts), **Phone Memory** (contacts from only your phone), or **SIM Memory** (entries from only your SIM Card).
  - **Own Number**: displays you number assigned to your phone.
  - **FDN Contacts**: allows you to create new FDN Contacts entries. WHen this mode is enabled, you can only dial those Contacts entries that have been assigned as FDN Contacts.
  - **Used Space**: displays the number of contacts stored on your **Phone**, **SIM**, or **FDN**.

Own Number

The Own Number menu selection stores the number assigned to the SIM in your phone.

- From the Idle screen, press (**Menu**) ➔ **Contacts** ➔ **Contacts Settings** ➔ **Own Number** to view your assigned number.

Note: You can change the number assigned to your SIM that displays in the Own Numbers menu, but entering another number prevents you from making or receiving calls on the handset. You may also add other names and numbers into your phone for easy referral.

SIM Management

The SIM Management menu allows you to copy your stored contacts from your phone to your SIM, from your SIM to your phone and to delete contacts from your SIM.

- From the Idle screen, press (**Menu**) ➔ **Contacts** ➔ **SIM Management** and make your selection.
  - **SIM Management**: allows you to manage the Contacts available in the SIM such as: Copy Contacts to SIM, Copy Contacts from SIM, and Delete Contacts from SIM.

Section 6: Messages

This section explains how to create, send, receive, and view different types of messages. This section also describes the features and functionality associated with messaging.

Creating a New Text Message

1. From the Idle screen, press (**Menu**) ➔ **Messages** ➔ **Create Message** to access the SMS message window.

Tip: From the Idle screen, create an SMS message by pressing the **Up** Navigation key.

---

2. Compose your message text.
3. Before you send the current message, you can press (**Options**) to choose from the following options:
   - **Text Mode**: allows you to set the text Input method. Choose from: Multitap, Numeric, Symbols, or Add Word (to a custom dictionary) or Match Word.
   - **View Recipients List**: allows you to view and add a new message recipient to the Recipient List.
   - **Advanced Options**: allows you to attach several types of items to the current message. Choose from: Attach Files, Attach Business Card, Attach Appointment, Attach Favorites URL and select Input Language (changes the current language used to message text entry).
   - **Save to Drafts**: allows you to save your message to your Drafts folder before exiting.

- **Save as Templates**: Allows you to save your current message to your Templates folder. This allows you to use it later for other message replies.
- **Delivery Options**: allows you to configure the delivery options used after you initiate the delivery process. Choose from: Keep a Copy, Get delivery Report (confirm you message was successfully delivered), and Get Read Report (confirm you message was open and read).
- **Cancel Message**: exit the current message. You are then asked if you wish to save the current message as a draft. Choose either **Yes** or **No**.

4. When you completed your message, press (**Send To**) to display the Recipients **To** field.
5. Enter the number for the recipient in the field provided, or press (**Options**) to Add Recipients from you Recent Contacts, Contact's phone number or email, or from one of your Group contacts.

   – or –

   You can select **Save to Drafts** to save your unsent message to Drafts.
6. Press (**Send**) to send your message.

Creating a New Picture Message

1. From the Idle screen, press (**Menu**) ➔ **Messages** ➔ **Create Message**. The New message screen displays.
2. Enter the message text using the keypad.
3. To add a picture to your message:
   - Press (**Options**) ➔ **Advanced Options** and select **Attach Files**.
   - Select **Pictures**. Additional options include: Audio, Video and Other Files.
   - Highlight the photo or image you wish to add and press the (**Options**) ➔ **Select** (to attach the photo to your message). The Create Message screen appears in the display with the selected photo and now shows a paperclip icon at the bottom to indicate a file has been attached.
4. To add audio file your message:
   - Press **Options** ➔ **Advanced Options** and select **Attach Files**.
   - Select **Audio**.
   - Select the audio file you wish to send from Tones, Music or Recorded Audio and press the **Select** soft key. The Create Message screen appears in the display with the selected audio attached.
5. When you are finished with your message, you can press (**Options**) to make changes, additions, edits such as add a business card or other attachments, modify send settings and preview your message. You can also add, edit or delete a slide. You can change the background color with Edit Slide.

   – or –

   Press (**Send To**). The Send screen appears in the display showing the Recipient List and the **To** field highlighted.

6. Enter your recipient and press (**Send**) to send your message.

   – or –

   Press (**Options**) to choose from other options such as add recipients from you contact list or groups, from recent recipients, or save to drafts.

Creating a Picture Message from the Camera Mode

1. From the Idle screen, press (**Camera**) from the side of the phone.
2. Take your photo and press (**Send via Msg**).
3. Enter the message text using the keypad.
4. When you are finished with your message, you can press (**Options**) to make changes, additions, edits such as add a business card or other attachments, modify send settings and preview your message. You can also add, edit or delete a slide. You can change the background color with Edit Slide.

   – or –

   Press (**Send To**). The Send screen appears in the display showing the Recipient List and the **To** field highlighted.
5. Enter your recipient and press (**Send**) to send your message.

   – or –

   Press (**Options**) to choose from other options

Viewing Received Messages

1. From the Idle screen, your phone displays the number of voicemails you have received and the number of new messages you have received.
2. Press — (**View**) or OK to view your message list.
3. Highlight an desired message and press OK to view the message contents.
4. When you have finished, press PWR END.

Using Message Options

Message options at the Inbox level differ according to the message type, what you have done with the message, and whether you are viewing the message.

With a message entry highlighted from within the Messages list, press — (**Options**) to access the following options:

- **Reply**: allows you to compose and send a reply to the message.
- **Call**: allows you to call the phone number associated with the currently highlighted message.
- **Delete**: allows you to erase either a single selected message or multiple messages from the list.
- **Forward**: allows you to forward the message to another recipient.
- **Save to Contacts**: allows you to store the new message sender's information to your current Contacts List as either a New entry or as an Update to an existing entry.

- **More**:
  - **Move to SIM Card/Phone**: allows you to store the selected message to your SIM Card or to your Phone.
  - **Lock/Unlock**: allows you to lock or unlock the currently highlighted message.
  - **Sort by**: allows you to sort your listed messages by selecting a filter parameter. Choose from: Read/Unread, Sender, Type, Subject, or Size.

Navigating through your Message Categories

The default message category screen is the Inbox. By using your Navigation keys, you can press your **Left** or **Right** Navigation keys to access the other available screens such as: Inbox, Sentbox, Drafts, and Templates.

Inbox

The Inbox message box stores copies of messages you received.

Sentbox

The Sentbox message box stores copies of messages you sent.

Drafts

The Drafts message box stores unsent messages that you want to edit or send at a later time.

Templates

Templates are available for creating messages and can be edited or deleted.

Using Message Templates

Your phone has Text templates that you can retrieve and apply when creating a message. You can edit the applied template as needed before sending a message.

1. From the Idle screen, press (**Menu**) ➔ **Messages** ➔ **Templates** ➔ **Text Templates**. The Text Templates display.
2. Highlight a current template message and press (**Options**) to access the following options:
   - **Send**: allows you to create and send a new Text Message/Multimedia Message using the selected template.
   - **Create**: allows you to create a new template message.
   - **Edit**: allows you to change the currently selected template.
   - **Delete**: allows you to erase either the currently selected template or multiple templates.
3. When you have finished, press PWR END.

Voicemail

Choosing this option dials your voicemail.

Messages Settings

The Messages Settings menu allows you to view and modify settings for text messages, and multimedia messages.

You can set up various options for using messaging services.

1. From the Idle screen, press (**Menu**) ➔ **Messages** ➔ **Messages Settings**.
2. Select the message settings you want to change.
   - **Text Message**: allows you to access Delivery Options and Email Gateway Address.
   - **Multimedia Message**: allows you to access Delivery Options, Receiving Options, Auto Resize Image and Default Style.
3. Press (**Select**) or OK to access the highlighted settings menus.
4. Once you have configured or modified the setting, press (**Save**).

Text Message

1. From the Idle screen, press (**Menu**) ➔ **Messages** ➔ **Messages Settings**.
2. Choose from the following options:
   - **Delivery Options**: allows you to keep a copy of your message.
   - **Email Gateway Address**: displays the Email Gateway set by your service.

Multimedia Message

1. From the Idle screen, press (**Menu**) ➔ **Messages** ➔ **Messages Settings**.
2. Choose from the following options:
   - **Delivery Options**: allows you to set options related to your message delivery. Choose from: Priority, Expiration, Delivery Time, Message Size, Keep a Copy, and Add My Business Card.
   - **Receiving Options**: allows options to Reject Anonymous messages and Reject Advertisement.
   - **Auto Resize Image**: allows you to set auto resize options for MMS (Multimedia messages). Choose from No Resize, 100 KB, 300 KB and 600 KB image size.
   - **Default Style**: allows you to assign message [properties for your outgoing MMS messages. Choose from: Font Color, Font Style, Background Color, and Slide Duration.
3. Once you have configured or modified the setting, press (**Save**).

Delete by Folder

The Delete by Folder function allows you to clear messages you no longer wish to store. You can delete the messages in the selected message folder(s) or you can choose to delete all messages at one time.

- From the Idle screen, press (**Menu**) ➔ **Messages** ➔ **Delete by Folder**.

Used Space

Used Space shows the number of messages stored on your phone and on your SIM Card.

1. From the Idle screen, press (**Menu**) ➔ **Messages** ➔ **Used Space**.
2. Use your **Left** or **Right** Navigation keys to choose an available category:
   - **Multimedia Message**: displays the number of messages stored at these locations: Inbox, Sentbox, and Drafts.
   - **Text Message**: displays the space available and used in these locations: Phone, SIM , Inbox, Sentbox, and Drafts.

Section 7: Camera

This section explains how to use the camera on your phone. You can take photographs by using the built-in camera functionality.

Using the Camera

Using the camera module in your phone, you can take photos of people or events while on the move. Additionally, you can send these photos to other people in a Picture Messaging message or set a wallpaper or picture ID image.

Note: Do not take photos of people without their permission. Do not take photos in places where cameras are not allowed. Do not take photos in places where you may interfere with another person's privacy.

Taking a Photo

Your camera produces photos in JPEG format. To take a photo using the current camera settings, do the following:

Note: When you take a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. From the Idle screen, press (**Menu**) ➔ **Tools** ➔ **Camera**.

   – or –

   From the Idle screen, press (**Camera**) from the side of the phone.

2. The following on-screen options appear:
   - **Menu**: allows you to adjust camera settings. For more information, refer to *"Setting Camera Options"* on page 60.
   - **Take Photo** ( ): allows you to take a photo.
   - **Photos**: allows you to view your stored photos.
3. Using the display as a viewfinder, point the camera lens on the back of your phone at your subject. When the image you wish to capture appears in the display, press (OK).
   Your photo is saved to the **My Folder** ➔ **Pictures** folder.
4. After taking a photo, the press (**Options**) to access the following options:
   - **Take another**: allows you to take another photo.
   - **Send via**: allows you to attach the current image as part of either a Multimedia Message or send via Bluetooth.
   - **Print via Bluetooth**: allows you to print the picture to an external compatible Bluetooth-printer.
   - **Delete**: allows you to delete the photo. Confirm **Yes** to delete or **No** to keep the photo.
   - **Set as**: allows you to set the selected photo as Caller ID or Wallpaper.
   - **Edit**: allows you to edit the picture.
   - **Rotate**: rotates the photo in 90 degree increments.
   - **Properties**: allows you to view these properties: Name, Format, Resolution, Size, Forwarding, Date Created and Location.

   – or –

5. Press OK (**Send via Message**) to attach the current image to a new MMS message. For more information, refer to *"Creating a New Picture Message"* on page 50.

Setting Camera Options

The Camera Options let you adjust default camera settings to suit the current conditions and subject of your photo.

1. From the Idle screen, press (**Menu**) ➔ **Tools** ➔ **Camera**.

   – or –

   From the Idle screen, press (**Camera**) from the side of the phone.

2. From the active Camera screen, press (**Menu**) and use your Navigation keys to choose from the following settings:
   - **Camera/Camcorder**: to toggle between the Camera or Camcorder modes.
   - **Shooting Mode**: choose between **Single**, **Continuous**, and **Smile Shot** modes.
     - **Single**: allows you to take one photo at a time.
     - **Continuous**: allows you to take a series of photos at one time.
     - **Smile Shot**: takes the picture when the subject smiles.
   - **Night Mode**: allows you to take better pictures at night. Select **On** or **Off**.
   - **Resolution**: select from the following image sizes: **1280 x 960**, **640 x 480**, **320 x 240**.
   - **White Balance**: allows you to adjust picture quality according to available light conditions. Choose from: **Auto**, **Daylight**, **Incandescent**, **Fluorescent**, or **Cloudy**.

- **Focus**: allows you to adjust the focus points for your camera. Choose from: **Matrix**, **Center-weighted**, and **Spot**.
- **Effects**: allows you to assign an available image effect to new images taken by the camera. Choose from: **None**, **Black and White**, **Sepia**, **Negative**, and **Watercolor**.
- **Timer**: select from the following time intervals to delay before taking a picture: **Off**, **2 Seconds**, **5 Seconds**, **10 Seconds**.
- **Screen View**: allows you to change the camera display. Choose from: **Full Screen View and Indicator**, **Full Screen View**, **Full Screen View and Guidelines**, and **Standard Ratio View**.
- **Settings**: select from **Photo** and **Setup** settings:
  - **Photo**: Allows you to set the image Quality to: Economy, Fine and Superfine.
  - **Setup**: Choose from the following selections: **Review Screen** (review a photo after taking it), **Shutter Sound** (select a tone to play when the camera's shutter opens and closes), **Shortcuts** (sets a shortcut for Mode, Shooting Mode, Timer and Viewfinder Mode).

Viewing Photos

1. From the Idle screen, press (**Menu**) ➔ **My Folder** ➔ **Pictures**. Your photos display in Line View or Thumbnail View.

2. From within the Pictures screen (displays a list of pictures), highlight an image and press (**Options**) to see the following options:
   - **View**: allows you to enlarge the thumbnail view of the selected photo.

Note: While viewing a photo, press **Options** ➔ **Zoom** to zoom in or out on the image. To return to normal view, press **OK**.

   - **Send via**: allows you to send the selected photo via Multimedia Message or via Bluetooth.
   - **Set as**: allows you to assign the image as the Main Display or set the selected photo to an particular entry as a Caller ID.
   - **Delete**: allows you to erase either a selected or multiple photos.
   - **Rename**: allows you to rename the selected photo.
   - **Move**: allows you to move either a single or multiple photo another available folder such as: Audio, Pictures, Video, or Other Files.
   - **Copy**: allows you to copy either a single or multiple photo another available folder such as: Audio, Pictures, Video, or Other Files.
   - **Take Photo**: lets you launch the Camera and take a new photo.
   - **Create Folder**: allows you to create a new folder to house your images or videos.
   - **More**: provides additional options such as:
     - **Lock/Unlock**: allows you to lock or unlock a photo file.
     - **Bluetooth Visibility**: allows you to alter the visibility state of the Bluetooth connection.

– **Sort by**: allows you to sort the list of available image by choosing from either Date or Type.

– **Print via Bluetooth**: allows you to print the picture using Bluetooth.

– **Properties**: allows you to view these properties: Name, Format, Resolution, Size, Forwarding, Date Created, and Location.

Using the Camcorder

1. From the Idle screen, press (**Menu**) ➔ **Tools** ➔ **Camera**.

   – or –

   From the Idle screen, press (**Camera**) from the side of the phone.

2. Press (**Menu**) and use your Navigation keys to select **Camcorder**.

3. The following on-screen options appear:
   - **Menu**: allows you to adjust camcorder settings.
   - **Shoot Video Photo** : allows you to shoot a new video.
   - **Videos**: allows you to view your stored videos.

4. Using the display as a viewfinder, point the lens on the back of your phone at your subject.

5. Press to begin shooting your video.

   Press to pause the recording or (**Stop**) to stop recording. Your new video is saved to the **My Folder** ➔ **Videos** folder.

6. After the recording has stopped and with the first frame of the video shown on-screen, press (**Options**) to access the following options:
   - **Record another**: allows you to record another video.
   - **Play**: allows you to play the last recorded video.
   - **Send via**: allows you to send the current video as part of either a Multimedia Message or send via Bluetooth.
   - **Delete**: allows you to delete the video. Confirm **Yes** to delete or **No**.
   - **Properties**: allows you to view these properties: Name, Format, Resolution, Size, Forwarding, Date Created and Location.

   – or –

   Press (**Send via Message**) to attach the current video to a new MMS message. For more information, refer to *"Creating a New Picture Message"* on page 50.

Section 8: Browser

This section outlines how to launch your Browser, how to navigate to other pages on the Web, and how the keys on the keypad are used with the Web application.

You can surf the Web and download ringtones and wallpapers using your phone. When your phone connects to the Internet, the service indicator icon ( ) appears in the display.

Launching the Browser

- From the Idle screen, press (**Browser**).

  – or –

  From the Idle screen, press (**Menu**) ➔ **Browser.**

  A list of categories, each representing one or more web sites, appears in the display.

Exit the Browser

- To exit the **Browser**, press PWR END.

Using the Browser

When you use your Browser to access the Web, some of the keys operate differently than during a normal phone call. You can act upon options or links by using the soft keys.

1. From the Idle screen, press (**Menu**) ➔ **Browser**.
2. Select an available on-screen option:
   - **Home**: allows you to go to your assigned Home page.
   - **Enter URL**: allows you to use your keypad to enter a URL address (ex: www.xxx.com)

- **Favorites**: allows you to launch a previously stored Favorite Web page address.
- **Saved Pages**: allows you to launch a previously saved Web page address.
- **History**: allows you to view a history of recently visited Web sites.
- **Browser Settings**: allows you to configure the various Browser settings such as: Clear Caches, Cookies, Preferences, and About Browser.

Soft Keys

The bottom of the display shows browser commands above the **Left** and **Right** soft keys used to execute the commands. The soft keys change their function depending on the application.

Using Links

Links have several purposes, such as jumping to a different page, to a different site, or even initiating a phone call. Links are shown underlined. You can normally press OK to select a link when it is highlighted.

How the Web Keys Work

The following table lists the Web keys and their functions.

- **Navigation keys** — Use to browse lists and options.
- **Back Key** — A browse, back-up key. Press once to back up one page. Press and hold to go back to home page. Press to clear the last number, letter, or symbol entered. Press and hold to completely clear the display.
- **Pound Key** — Press to insert a space when entering text.
- **Number 1 thru 9** — Use the number keys to select items in a menu if they are numbered.
- **End Key** — Press to exit the Web and return the phone to standby mode.

- **Left Soft Key** — Press to activate the command that appears above it in the display.
    - Press (**Options**) to access such as: Go, Open, Navigate, Smart-Width, View Favorites, Add to Favorites, Enter URL, Advanced or Browser Settings.
- **Right Soft Key** — Press to activate the command that appears above it in the display. One example is Back.

Section 9: Applications

Games & Apps

The Games & Apps menu allows you to connect to your Browser to buy games, access preloaded games.

1. From the Idle screen, press (**Menu**) ➔ **Games&Apps**.
2. Highlight **Buy Games** and press (**Select**) to begin purchasing your first application or game.

Tools

Tools is a suite of applications that run on your phone. You can use your phone to schedule events, set reminders, perform calculations, and more.

The Tools menu provides access to: Camera, Voice Services, Alarms, Calendar, Tasks, Memo, Calculator, Tip Calculator, Converter, World Clock, Timer, Stopwatch, and SIM App..

1. From the Idle screen, press (**Menu**) ➔ **Tools**. The following submenus display:
   - **Camera**: launches either the camera or camcorder. For more information, refer to *"Camera"* on page 58.
   - **Voice Services**: provides access to Voice Commands and Voice Settings.
   - **Alarms**: Allows you to set an alarm to go off once, or daily, at a specified time.
   - **Calendar**: Your Calendar applications allows you to enter events and view them by the day, the week, the month or by event categories.
   - **Tasks**: allows you to create. view, or modify Task entries.

- **Memo**: allows you to create, view, or modify memos.
- **Calculator**: Allows you to perform calculations, including addition, subtraction, multiplication, and division.
- **Tip Calculator**: Allows you to calculate service gratuities with a minimum of key presses.
- **Converter**: Allows you to convert currency, length, weight, volume, area and temperature from one system or increment to another.
- **World Clock**: Allows you to view the current time of day or night in another part of the world.
- **Timer**: Allows you to set a timer.
- **Stopwatch**: Allows you to view the amount of time in up to 30 intervals.
- **SIM App.**: allows you to lock or unlock a SIM application.

Alarms

You can set an alarm to alert you once, or daily at a specified time. Once set, the alarms are easy to change or turn off completely.

1. From the Idle screen, press (**Menu**) ➔ **Tools** ➔ **Alarms**. The following options appear in the display:
   - **Wake-up Alarm**
   - **Alarm 1**
   - **Alarm 2**
   - **Alarm 3**
   - **Alarm 4**
   - **Auto Power**
2. Select an alarm type from the available list.

3. Highlight the options you wish to change, then select values for the options using the Left and Right navigation keys.
   - Alter the information from the available fields such as: Name, Alarm Activation, Alarm Time, Alarm Type, Alarm Tone, Alarm Volume, days if the week to sound, Snooze and Repeat options.
4. When you're finished entering and selecting values for the alarm, press OK. The alarm is set and the alarm icon ( ) appears in the top of the display.

Calendar

Your Calendar applications allows you to enter events and view them by the day, the week, the month or by event categories. While viewing the calendar, the current date is highlighted and days with scheduled events are marked by a bracket.

Calendar Options

You can add and delete events and set alarms to remind you of your appointments, anniversaries or other events.

1. From the Idle screen, press — (**Menu**) ➔ **Tools** ➔ **Calendar.**
2. In Calendar view, press — (**Options**) to choose from the following:
   - **View**: displays the Calender entries for the currently selected day (indicated by an on-screen blue box).
   - **View by**: Allows you to view your entries by either Day or Week.
   - **Create**: Allows you to choose the category for your new event. Choose from: Appointment, Anniversary, Holiday, Important, or Private.
   - **Go To**: Allows you to view the current day's calendar or to jump to another date that you specify. Choose from: Today or Date.

- **Event List**: Allows you to view your events by category: Appointment, Anniversary, Holidays, Important, and Private.
- **Delete**: Allows you to delete an event. Choose from: Selected, Period, This Month, Before Date and All.
- **Settings**: Allows you to choose and alter your calendar Starting Day (either Monday or Sunday), and to choose default View by setting (Month, Week, or Day).
- **Missed Alarm Event**: Allows you to view any missed alarm events.
- **Used Space**: Allows you to view the total number of events stored on your Calendar, up to 100 and the number of events by category: Appointment, Anniversary, Holiday, Important and Private.

Enter an Event

1. To access your Calendar in Idle mode, press (**Menu**) ➔ **Tools** ➔ **Calendar**.
2. Press (**Options**) ➔ **Create**.
3. Select a category type for the event. Choose from: Appointment, Anniversary, Holiday, Important, or Private.
4. Enter your information in the fields provided in your phone display.
5. Press OK (**Save**) to store the new event.

View an Event

1. To access your Calendar in Idle mode, press (**Menu**) ➔ **Tools** ➔ **Calendar**.
2. Use the Navigation keys to move through the calendar and highlight a desired date.

3. Open the highlighted date by pressing OK. A list of scheduled events appears in the display.
4. Select the desired event. Information for the selected event appears in the display.

Tasks

To create a new Task:

1. From the Idle screen, press — (**Menu**) ➔ **Tools** ➔ **Tasks**.
2. Press — (**Options**) ➔ **Create**.
3. Enter information for your new task. Choose from: Title, Details, Start Date, Due Date, Alarm, Alarm Date, Alarm Time, Alarm Tone, and Priority.
4. Once complete, press OK (**Save**) to store the new task.

Memo

To create a new Memo:

1. From the Idle screen, press — (**Menu**) ➔ **Tools** ➔ **Memo**.
2. Press — (**Options**) ➔ **Create**.
3. Enter text into the available text entry field.
4. Once complete, press OK (**Save**) to store the new memo.

Calculator

You can perform calculations, including addition, subtraction, multiplication, and division using the phone.

1. From the Idle screen, press — (**Menu**) ➔ **Tools** ➔ **Calculator** to display your calculator.
2. Use both your Navigation and softkeys to access the available on-screen functions.

Tip Calculator

Tip Calculator calculates your gratuity and the individual payment for groups. Calculations are based on the total amount of the check, a selected percentage, and the number of people paying.

1. From the Idle screen, press (**Menu**) ➔ **Tools** ➔ **Tip Calculator** to display the Tip Calculator screen with the **Bill** field highlighted.
2. Use the keypad to enter the total amount of the bill. To include a decimal point, press the * key.
3. If needed, highlight the **Tip** field and use the keypad to change the tip percentage.
4. If needed, highlight the **# paying** field and use the keypad to change the number of persons paying.
5. The amount of the tip, the bill total, and the amount owed by each person appears in the lower half of the screen.

Converter

The conversion menu provides the following conversion features: currency, length, weight, volume, area and temperature.

To convert a currency, length, weight, volume, area, or temperature:

1. From the Idle screen, press (**Menu**) ➔ **Tools** ➔ **Converter** to display the Converter.
2. Select the conversion feature you wish to use. The selected conversion feature screen appears in the display.
3. Use the Up and Down navigation keys to select the unit to convert from.
4. Highlight the quantity field.

5. Use the keypad to enter the quantity you want to convert.
6. Highlight the field to enter the unit of measure to convert to.
7. Use the Left and Right navigation keys to select the desired units. The converted quantity displays in the new quantity field.

Note: To include a decimal point, press * .

World Clock

World Clock lets you view the time of day or night in another part of the world. World Clock displays time in the 24 different time zones around the world.

1. From the Idle screen, press (**Menu**) ➔ **Tools** ➔ **World Clock**.
2. Press (**Options**) ➔ **Add**. A world map displays.
3. To display the time zone and city that you wish to view, use the Left and Right navigation keys.
4. Use the Down navigation key to select and activate **Daylight Saving**. Press OK to toggle the option On or Off.
5. Press to keep the current home time zone and return to the **Tools** menu.

Timer

To set the Timer:

1. From the Idle screen, press (**Menu**) ➔ **Tools** ➔ **Timer**.
2. Press (**Set**), enter your time, and press (**OK**).
3. Press OK to start, pause and resume the timer count down.

Stopwatch

To set the Stopwatch:

1. From the Idle screen, press (**Menu**) ➔ **Tools** ➔ **Stopwatch**.
2. Press OK to start the stopwatch count
3. Press OK at the start of each succeeding event/lap to record the completion time for the previous event/lap.
4. When finished, press (**Stop**).
5. Press (**Reset**) to erase all recorded event/lap times.

My Folder

The My Folder menu allows you to manage downloaded and preloaded tones and graphics. You can store your files in the Audio and Picture folders and view the available memory in the Used Space display.

1. From the Idle screen, press (**Menu**) ➔ **My Folder**.
2. Select an available folder. Choose from:
   - **Audio**: allows you to customize your phone with downloaded or preloaded tones or your own recorded audio.
     - **Tones**: allows you to launch your browser to Buy Ringtones, to save Downloaded Tones to your folder. You can also play preloaded Default Tones and use these default tones and your downloaded ringtones to customize your phone.
     - **Music**: allows you to store your own music files.
     - **Recorded Audio**: allows you to store your own audio files in your Recorded Audio folder.

- **Pictures**: allows you to launch your browser to Buy Graphics, to save Downloaded Graphics to your folder. You can select one of seven preloaded Default Wallpapers to display or choose to display the seven wallpapers randomly. You can use these default wallpapers and your downloaded graphics to customize your phone.

  — **Buy Graphics**: launches your browser where you can shop for graphics.
- **Video**: allows you to view your current list of available pre-recorded videos.
- **Games&Apps**: allows you to Buy Games and view previously purchased content.
- **Other Files**: allows you to view other category file types.
- **Used Space**: allows you to view the total available memory, as well as the amount used for other categories such as Audio, Pictures, Video, Games& Apps, and Other Files.

Section 10: Changing Your Settings

This section includes tips on how to use some of use some of your phone features, as well as how to change and customize the display settings, call handling, security settings, and other settings associated with your phone.

Sound Profile

You can customize various sound profiles for your phone by changing the sound settings.

1. From the Idle screen, press (**Menu**) ➔ **Settings** ➔ **Sound Profile**.
2. Highlight one of the following sound profiles:
   - **Normal**: The Normal profile allows you to customize your alerts.
   - **Silent**: The Silent profile causes the speaker to be muted and the phone only vibrates or displays information on the LCD.
   - **Driving**: The Driving profile keeps the speaker active and will launch the currently selected ringtone or melody when the associated notification is activated.
   - **Outdoor**: The Outdoor profile keeps the speaker active, the volume settings are raised to their highest levels, any currently active ringtones or melodies are activated, and the vibrate feature is activated.
3. Press OK to edit the highlighted profile.
4. Once you have made your modifications, press (**Save**) to store the updated settings.

Display

The Display menu allows you to change settings for the Main Display, the Front Display and the Light settings.

1. From the Idle screen, press (**Menu**) ➔ **Settings** ➔ **Display**.
   - **Wallpaper**: Allows you to customize the appearance of your display by selecting from Picture or None (Background Only).
   - **Menu Style**: Allows you to choose either Grid Menu or List Menu.
   - **Light Settings**: Allows you to adjust Brightness or Backlight Time.
   - **Dialing Display**: Allows you to set the Font Type, Font Size, Font Color and Background Color.
2. Press (**Select**) to edit the highlighted selection.
3. Once you have made your modifications, press (**Save**) to store the updated settings.

Time & Date

This menu allows you to change the format for the current time and date display.

1. From the Idle screen, press (**Menu**) ➔ **Settings** ➔ **Time and Date**.
2. Update the available Time Format and Date Format.
3. Press OK to edit the highlighted selection.
4. Once you have made your modifications, press (**Save**) to store the updated settings.

Phone

The Phone settings menu allows you to set the language option for your phone to Automatic, English or Español and to turn on or off the Keypad auto-lock feature.

1. From the Idle screen, press (**Menu**) ➔ **Settings** ➔ **Phone**.
2. Choose from any of the following options:
   - **Language**: Allows you to select the Screen Text or Input Language. Press the **Save** soft key to save your new selection. Options include the following:
     - **Automatic**: The language is automatically selected according to the language of the SIM card used.
     - **English**: The selected phone language is changed to English.
     - **Español**: The selected phone language is changed to Spanish.
   - **Own Number**: Displays the number assigned to your phone.
   - **Security**: allows you to configure phone security. For more information, refer to *"Security"* on page 80.
   - **Reset Phone**: Displays: **All settings reset to factory defaults. Continue?** Select **Yes** to continue.
   - **Restore Phone**: Displays: **All settings reset to factory defaults and all user data will be deleted. Continue?** Select **Yes** to continue.
   - **Airplane Mode**: allows you to turn off all wireless communication on the phone. Select **On** or **Off** to set your phone to Airplane Mode.
   - **HAC Mode**: allows you to activate or deactivate the Hearing Aid Compatibility feature. Select **Enable** or **Disable** to set your phone for HAC Mode.

Security

Security enables you to restrict the use of your phone by the others and to restrict the types of calls. Various codes and passwords are used to protect the features of your phone.

1. From the Idle screen, press (**Menu**) ➔ **Settings** ➔ **Phone** ➔ **Security**.
2. Use the **Up** or **Down** Navigation key to scroll to and set the following options:
   - **Lock Phone**: When enabled, the phone is locked and you must enter the 4- to 8-digit phone password each time the phone is switched on. Once the correct password has been entered, you can use the phone until you switch it off. The following options are available:
     - **Off**: you are not asked to enter the phone password when you switch on the phone.
     - **On**: you are required to enter the phone password when you switch on the phone.
   - **Check PIN Code**: Allows you to select Off or On.
   - **Lock Applications**: Check the desired item and select **(Save)**. Enter your password at the prompt.
   - **Set FDN Mode**: Allows you to select Off or On. Obtain Passcode from your Service Provider.
   - **Change Phone Password**: Allows you to change your password to a new one. You must enter the current password before you can specify a new one. Once you have entered a new password, you are asked to confirm it by entering it again.

- **Change PIN Code**: Allows you to change your current PIN, provided the PIN check feature is enabled. You must enter the current PIN before you can specify a new one.
- **Change PIN2 Code**: Allows you to change your current PIN2 Code. You must first enter the current PIN2 (obtained from your service provider) before you can specify a new one. Enter a new PIN2 Code and confirm your entry.

Note: This lock code is typically the last four digits of the current phone number or it can be obtained from your service provider's customer service representative.

Calls

1. From the Idle screen, press (**Menu**) ➔ **Settings** ➔ **Call**.
2. Choose from the available options:
   - **General**: allows you to set up options for:
     - **Show My Number**: displays your own number
     - **Call Answer**: allows you to assign how your phone answers calls. Choose from: Send Key, Any Key, and Open Flip.
     - **Auto Reply**: allows you to activate the auto reply function and compose a reply message. Press **Options** key and select **OK**.
     - **Call Status Tones**: allows you to enable either the Call Connect Tone or set the Minute Minder feature.
     - **Alerts on Call**: allows you to enable or disable the alters on call feature.
     - **TTY Mode**: allows you to enable or disable the TTY feature.
   - **Voice Call**: allows you to set up options for Call Waiting and Auto Redial.

Connectivity

The Connectivity settings allow you to turn on or off the Bluetooth function.

1. From the Idle screen, press (**Menu**) ➔ **Settings** ➔ **Connectivity**.
2. Choose from the available options:
   - **Bluetooth**:
     - **Bluetooth**: allows you to enable/disable the Bluetooth functionality.
     - **Discoverable**: allows you to make the device visible to be paired to other external Bluetooth devices.
     - **My Devices**: displays both the available Bluetooth devices and allows you to search for and connect/pair your phone to a new external Bluetooth device.
     - **My Bluetooth Info**: allows you to configure the name used by your phone when detected and displayed on other external Bluetooth devices.
     - **Search for New Device**: lets you begin searching for new available and visible Bluetooth devices.

- **USB Mode**: Allows you to select an automatic connection mode when the phone recognizes an active USB connection to a computer. Choose from an available option:
  - **Ask on Connection**: prompts you with an on-screen option for a connection type. Choose from Media Transfer (data transfer) or Charging Only.
  - **Media Transfer**: allows the device to be detected an as external storage device and enabled for data transfer of files between your phone an a communicating computer.

– **Charging Only**: “closes” the USB connection for data and enables the connection to only be used for charging purposes.

Applications Settings

The Applications menu allows you to customize your phone by choosing options within various application settings.

1. From the Idle screen, press (**Menu**) ➔ **Settings** ➔ **Application Settings**.
2. Choose from the available options:
   - **Messages Settings**: allows you to set up options for Text Message and Multimedia Message.
   - **Browser Settings**: allows you to configure the various Browser settings such as: Clear Caches, Cookies, Preferences, and About Browser.
   - **Record Audio Settings**: allows you to select a desired output audio format and configure the Unlimited Recording (On/Off).
   - **Calendar Settings**: allows you to select to start your calendar on Monday or on Sunday, and choose a default view: Month, Week or Day.
   - **Contacts Settings**: allows you to choose options to manage your Contacts in your Contact List. For more information, see *“Contacts Settings”* on page 46.

Memory Management

The Memory menu allows you to view the memory usage on your phone.

1. From the Idle screen, press (**Menu**) ➔ **Settings** ➔ **Memory Management**.
2. Choose from the available options:
   - **Clear Memory**: allows you to clear the memory location for the following categories: All, Messages, My Folder, Calendar, Tasks, Memo, and Contacts.
   - **Used Space**: displays the current amount of used space for a selected category type. Choose from: Shared Memory, Messages, My Folder, Calendar, Tasks, Memo, or Contacts

Section 11: Health and Safety Information

This section outlines the safety precautions associated with using your phone. The terms “mobile device” or “cell phone” are used in this section to refer to your phone. **Read this information before using your mobile device**.

Exposure to Radio Frequency (RF) Signals

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high

levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at http://www.ukcosmos.org/index.html.

Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to radio frequency energy (RF) from cell phones - and at this point we do not know that there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike “hands-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

Children and Cell Phones

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/.
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radtown/wireless-tech.html.
- Occupational Safety and Health Administration (OSHA):
  http://www.osha.gov/SLTC/radiofrequencyradiation/.
  (Note: This web address is case sensitive.)

- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/.
- World Health Organization (WHO): http://www.who.int/peh-emf/en/.
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de.
- Health Protection Agency: http://www.hpa.org.uk/Topics/Radiation/.
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm.

Specific Absorption Rate (SAR) Certification Information

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum reported value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels

evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC is/are:

- Head: 0.58 W/kg.
- Body-worn: 0.98 W/kg.

SAR information on this and other model phones can be accessed online on the FCC's website through http://transition.fcc.gov/oet/rfsafety/sar.html. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional SAR information can also be obtained at http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones.

FCC Part 15 Information to User

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Smart Practices While Driving

On the Road - Off the Phone

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or talking on a mobile phone - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. **Do not engage in any activity while driving a moving vehicle which may cause you to**

take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. For example, only hands-free use may be permitted in certain areas.

Before answering calls, consider your circumstances. Let the call go to voicemail when driving conditions require. Remember, driving comes first, not the call!

If you consider a call necessary and appropriate, follow these tips:

- Use a hands-free device;
- Secure your phone within easy reach;
- Place calls when you are not moving;
- Plan calls when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the call if necessary;
- Do not take notes or look up phone numbers while driving;

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you

drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as text messaging, Web browsing, or e-mail while operating a vehicle.

Never watch videos, such as a movie or clip, or play video games while operating a vehicle.

For more information, go to http://www.ctia.org.

Battery Use and Safety

Important! Handle and store batteries properly to avoid injury or damage. Most battery issues arise from improper handling of batteries and, particularly, from the continued use of damaged batteries.

- **Do not disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery**. Do not put a high degree of pressure on the battery. This can cause leakage or an internal short-circuit, resulting in overheating.
- **Do not let the phone or battery come in contact with liquids.** Liquids can get into the phone's circuits, leading to corrosion. Even when the phone appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the phone and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.

- **Do not place your battery in or near a heat source**. Excessive heating can damage the phone or the battery and could cause the phone or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your phone in your car in high temperatures.
- **Do not dispose of the phone or the battery in a fire**. The phone or the battery may explode when overheated.
- **Do not handle a damaged or leaking battery**. Do not let leaking battery fluid come in contact with your eyes, skin or clothing. For safe disposal options, contact your nearest Samsung-authorized service center.
- **Avoid dropping the cell phone**. Dropping the phone or the battery, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way**.
- **Do not allow the battery to touch metal objects**. Accidental short-circuiting can occur when a metallic object (coin, key, jewelry, clip, or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

Important! Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your phone.

WARNING!

Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the phone caused by non-Samsung-approved batteries and/or chargers.

- **Do not use incompatible cell phone batteries and chargers**. Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard**.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

Recycling programs for your mobile device, batteries, and accessories may not be available in your area.

We've made it easy for you to recycle your old Samsung mobile device by working with respected take-back companies in every state in the country.

Drop It Off

You can drop off your Samsung-branded mobile device and batteries for recycling at one of our numerous Samsung Recycling Direct (SM) locations. A list of these locations may be found at:
http://pages.samsung.com/us/recyclingdirect/usactivities_environment_samsungrecyclingdirect_locations.jsp.

Samsung-branded devices and batteries will be accepted at these locations for no fee.

Consumers may also recycle their used mobile device or batteries at many retail or carrier-provided locations where mobile devices and batteries are sold. Additional information regarding specific locations may be found at:
http://www.epa.gov/epawaste/partnerships/plugin/cellphone/index.htm or at http://www.call2recycle.org/.

Mail It In

The Samsung Mobile Take-Back Program will provide Samsung customers with a free recycling mailing label. Just go to http://www.samsung.com/us/aboutsamsung/citizenship/usactivities_environment_samsungrecyclingdirect.html?INT=STA_recycle_your_phone_page and follow the instructions to print out a free pre-paid postage label and then send your old mobile device or battery to the address listed, via U.S. Mail, for recycling.

Dispose of unwanted electronics through an approved recycler.

To find the nearest recycling location, go to our website:

www.samsung.com/recyclingdirect
Or call, (877) 278-0799.

Follow local regulations regarding disposal of mobile devices and batteries

Dispose of your mobile device and batteries in accordance with local regulations. In some areas, the disposal of these items in household or business trash may be prohibited. Help us protect the environment - recycle!

Warning! Never dispose of batteries in a fire because they may explode.

UL Certified Travel Charger

The Travel Charger for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Display / Touch-Screen

Please note the following information when using your mobile device:

WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the “Standard Limited Warranty”.

GPS & AGPS

Certain Samsung mobile devices can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

Certain Samsung mobile devices can also use an Assisted Global Positioning System (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

Use of AGPS in Emergency Calls

When you make an emergency call, the cellular network may activate AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the mobile device for as long as the emergency responder instructs you.

Navigation

Maps, directions, and other navigation-data, including data relating to your current location, may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. **Therefore**, **you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs**.

Emergency Calls

This mobile device, like any wireless mobile device, operates using radio signals, wireless and landline networks, as well as user-programmed functions, which cannot guarantee connection in all conditions, areas, or circumstances.

Therefore, you should never rely solely on any wireless mobile device for essential communications (medical emergencies, for example). Before traveling in remote or underdeveloped areas, plan an alternate method of contacting emergency services personnel. Remember, to make or receive any calls, the mobile device must be switched on and in a service area with adequate signal strength.

Emergency calls may not be possible on all wireless mobile device networks or when certain network services and/or mobile device features are in use. Check with local service providers.

To make an emergency call:

1. If the mobile device is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press SEND.

If certain features are in use (call blocking, for example), you may first need to deactivate those features before you can make an emergency call. Consult your User Manual and your local cellular service provider. When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your mobile device may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion.

Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and dirt

Do not expose your mobile device to dust, dirt, or sand.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

Responsible Listening

Caution! Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds

(including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss.

This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.

- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300
Reston, VA 20190

Voice: (800) 222-2336
Email: info@audiology.org

Internet:
http://www.audiology.org/Pages/default.aspx

National Institute on Deafness and Other Communication Disorders

National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet:
http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W., Suite 9200
Patriots Plaza Building
Washington, DC 20201

Voice: 1-800-35-NIOSH
(1-800-356-4674)
1-800-CDC-INFO (1-800-232-4636)
Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet:
http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

Operating Environment

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the

mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Device Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see: http://www.fcc.gov/oet/rfsafety/rf-faqs.html#.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station).

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer

or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

FCC Hearing Aid Compatibility (HAC) Regulations for Wireless Devices

The U.S. Federal Communications Commission (FCC) has established requirements for digital wireless mobile devices to be compatible with hearing aids and other assistive hearing devices.

When individuals employing some assistive hearing devices (hearing aids and cochlear implants) use wireless mobile devices, they may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and mobile devices also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless mobile devices to assist hearing device users find mobile devices that may be compatible with their hearing devices. Not all mobile devices have been rated. Mobile devices that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use

a rated mobile device successfully. Trying out the mobile device with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Wireless mobile devices rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. M4 is the better/higher of the two ratings. M-ratings refer to enabling acoustic coupling with hearing aids that do not operate in telecoil mode.

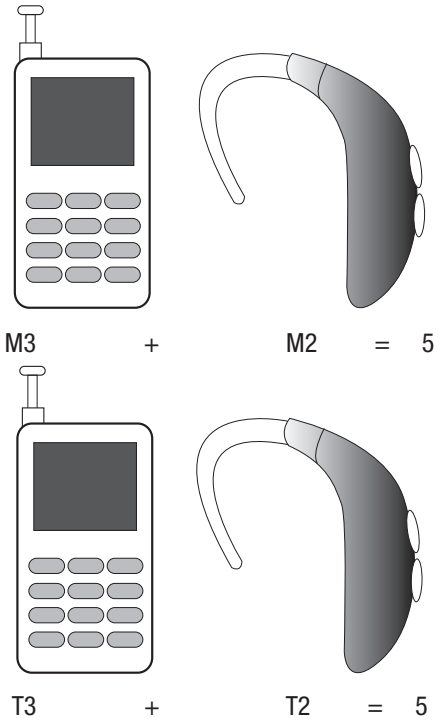
T-Ratings: Mobile devices rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. T4 is the better/higher of the two ratings. T-ratings refer to enabling inductive coupling with hearing aids operating in telecoil mode.

Hearing devices may also be rated. Your hearing aid manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise.

Under the current industry standard, American National Standards Institute (ANSI) C63.19, the hearing aid and wireless mobile device rating values are added together to indicate how usable they are together. For example, if a hearing aid meets the M2 level rating and the wireless mobile device meets the M3 level rating, the sum of the two values equals M5.

Under the standard, this should provide the hearing aid user with normal use while using the hearing aid with the particular wireless mobile device. A sum of 6 or more would indicate excellent performance.

However, these are not guarantees that all users will be satisfied. T ratings work similarly.



The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or make calls that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

Cautions

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device.

Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the mobile device or install the mobile device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.

- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- When using a headset in dry environments, static electricity can build up in the headset and cause a small quick static electrical shock. To minimize the risk of electrostatic discharge from the headset avoid using the headset in extremely dry environments or touch a grounded unpainted metal object to discharge static electricity before inserting the headset.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of cell phone services to the offender, or legal action, or both.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing games for extended periods. If you feel any discomfort, stop using the device immediately.

- Reduce risk of repetitive motion injuries. When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.
- If your device has a camera flash or light, do not use the flash or light close to the eyes of people or pets. [122011]

Section 12: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's handsets and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Case/Pouch/Holster	90 Days
Other Phone Accessories	1 Year

What is not covered?

This Limited Warranty is conditioned upon proper use of the Product.

This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen;
(d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible;

(e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, at SAMSUNG's sole option, without charge. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace the Product with a rebuilt, reconditioned or new Product.

Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. Except to any extent expressly allowed by applicable law, transfer or assignment of this Limited Warranty is prohibited.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, you must return the Product to an authorized phone service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address.

To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-888-987-4357. If SAMSUNG determines that any Product is not covered by this Limited Warranty, you must pay all parts, shipping, and labor charges for the repair or return of such Product.

You should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

What are the limits on SAMSUNG's liability?

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS.

ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL SAMSUNG BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR FOR, WITHOUT LIMITATION, COMMERCIAL LOSS OF ANY SORT; LOSS OF USE, TIME, DATA, REPUTATION, OPPORTUNITY, GOODWILL, PROFITS OR SAVINGS; INCONVENIENCE; INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES; OR DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE DISCLAIMER OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND DISCLAIMERS MAY NOT APPLY TO YOU.

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Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY.

Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are $5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or $50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed $5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box;

(ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.

Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Samsung Telecommunications America, LLC
1301 E. Lookout Drive
Richardson, Texas 75082

Phone: 1-800-SAMSUNG
Phone: 1-888-987-HELP (4357)

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